

# ABSTRACT

Input image data  $K_i$  for the black color component is divided into distribution data  $T_c$ ,  $T_m$ ,  $T_y$ , and  $T_k$  for the four color components  $C$ ,  $M$ ,  $Y$ , and  $K$ . The distribution data  $T_c$ ,  $T_m$ , and  $T_y$  for the three color components  $C$ ,  $M$ , and  $Y$  is  
5 combined to the input image data  $C_i$ ,  $M_i$ , and  $Y_i$  of the three color components  $C$ ,  $M$ , and  $Y$ .

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